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See application file for complete search history.

- (56)
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- (57) **ABSTRACT**

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An integrated unit operations for the treatment of a waste stream, such as spent caustic, is provided in a single vertical vessel having at least three separate zones: a mixing, a settling, and a mass transfer zone.

- (52) **U.S. Cl.** **210/96.1**; 210/188; 210/202;
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8 Claims, 1 Drawing Sheet

